

## ABSTRACT

### INTERACTIVE TOOL FOR KNOWLEDGE-BASED SUPPORT OF PLANNING UNDER UNCERTAINTY

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A planning tool provides support in planning, decision making and process management under conditions of uncertainty by combining a plan generating tool for manipulating and displaying a visual representation of a plurality of schedule elements along a time line with a domain-specific knowledge database that enables determination of quantitative and qualitative outcome measures resulting from a currently defined plan. The quantitative and qualitative outcome measures are computed and displayed in real time as the plan is being manipulated by the user so that instantaneous feedback of the consequences of a particular plan can be visualised by the user during generation of the plan.

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